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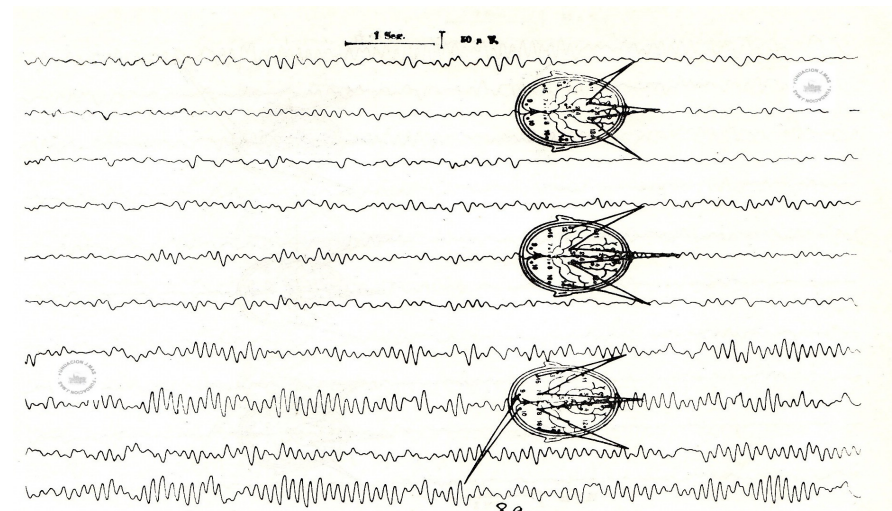
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*Annexed: The relevance blockade of the alpha rhythm in the waking state. Observation of alpha blockade significantly interacting with the apprehension of factors higher mental functions.*

*(Alpha blockade nonexistent, resulting in specific factors of reactive responses, abstraction or not pathological fantasies. In children, youth and old age populations. An accommodation opinion integrative learning experiences or constructs.)*

RESEARCH DEPARTMENT FOUNDATION 'S MAS i MANJON



## ABSTRACT

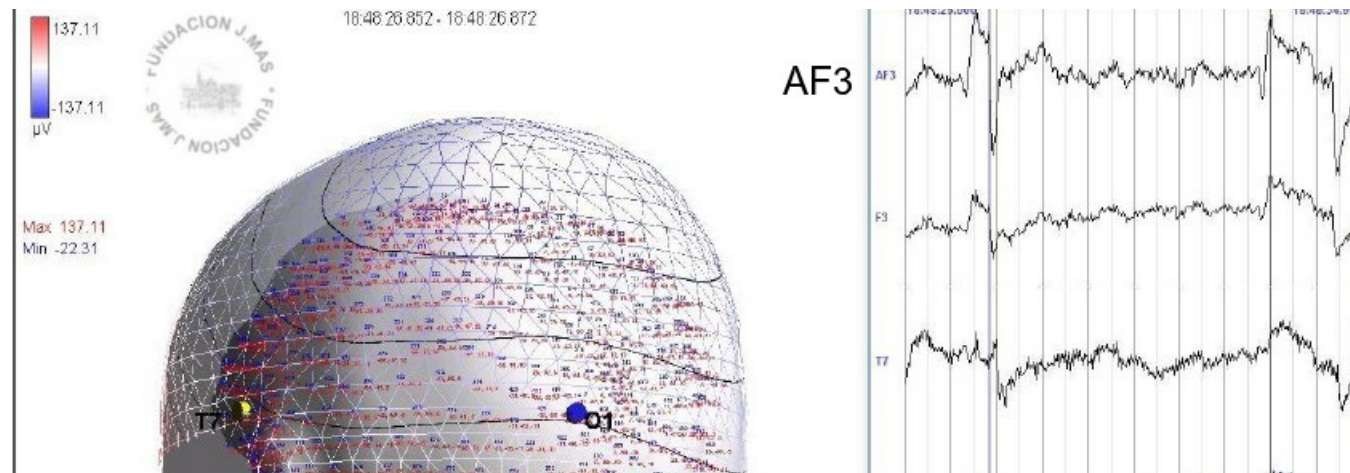
Annex developing in summary form, the mediation process does not lock the alpha rhythm and its interaction with the process of apprehension and integration of factors of higher mental functions.

### Alfa rhythm function:

When eyelids shut eye is a reactive response that manifests as the alpha rhythm then when eye lids open, this rate is extinguished.

### Importance lock alpha rhythm:

*It was observed that there are specific subjects unaffected by anything pathological, when they were having fanciful or dream-thoughts, they continued to hold the alpha rhyme with eyes open.*



### **How does this absence favorably blocking alpha rhythm?**

We observe that this particular event was a way to integrate apprehend factors of higher mental functions, to maintain the alpha rhythm in the waking state is a mediator to integrate specific functions of the mental process.  
Is constant in the time that the alpha rhythm should not be displayed, so it shows the degree of reaction or response level of warning to the subject.

### **How is this process of learning mediator of apprehension?**

This mediator can integrate learning factors of higher mental functions such as attention, understanding logic (cause and effect) verbal and spatial. long-term memory. kinesthetic memory, auditory memory.

### **How is this reactive response and how active is deactivated?**

The way the reactive response is activated, is the same way as in any normal situation, with eyes closed, the difference is that there is an activity of the mental process that acts in the fantasy or dream thought, a conscious way.

The manner in which the mediator is disabled, through the complex K, as explained in the previous study on locking the alpha rhythm.

**There are mental disorders in which one can observe this active alpha rhythm in the waking state, what is the difference in a state of normalcy?**

The difference is that the subject is aware and active all higher mental functions without showing dysfunctions. However what is most important is that an event as a result of a proactive decision.

### **Does it happen at all ages?**

Yes, we have observed that happen in all ages, in children, adolescence, maturity and old age.

### **What differences shows the specific mediator of alpha rhythm at different stages?**

In childhood and adolescence stages, is a way to integrate experiences that need to be modeled in a specific way for each subject. This modeling experience, is the mode of apprehension and integrate it into the whole mental construct. This favors the interaction with the external world and the internal.

In middle age, it is a means of adjusting the internal needs related to external needs, a mode of apprehension of new concepts of personal integration experience to new experiences.

At the age of old, we have observed that it is a way to keep active higher mental functions.

### **When a child or an old man, this is it absorbed mediator is in this state?**

Must be observed that the answer is found expressed not reactive to the extinction of the alpha rhythm with eyes open, and also is in an active state of fantasy or dream thought.

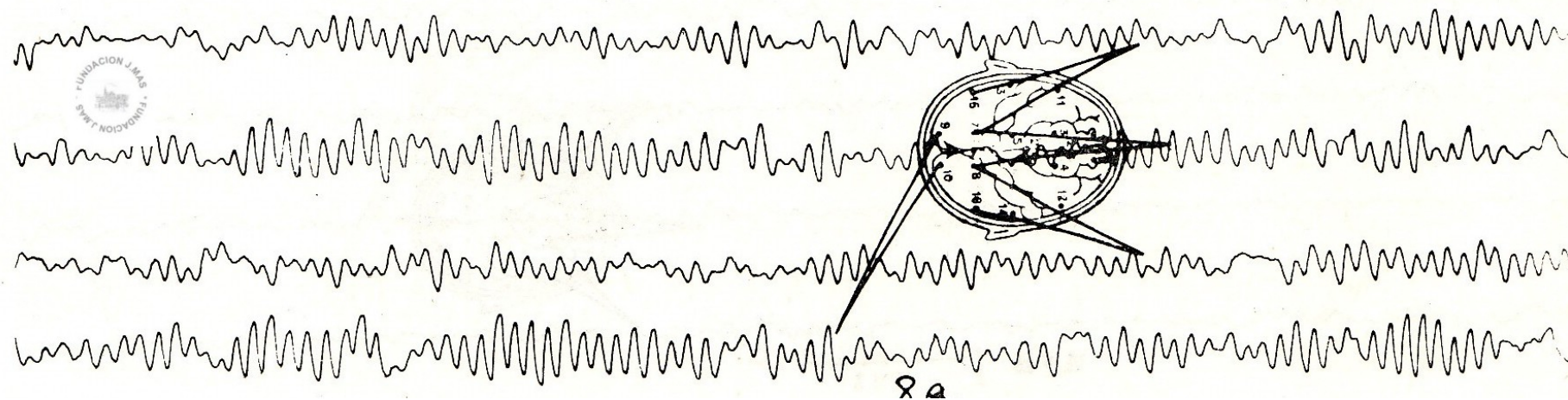
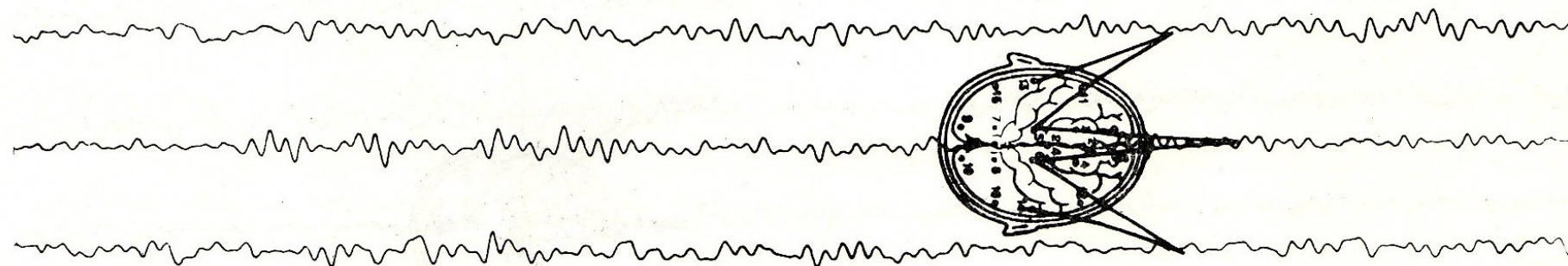
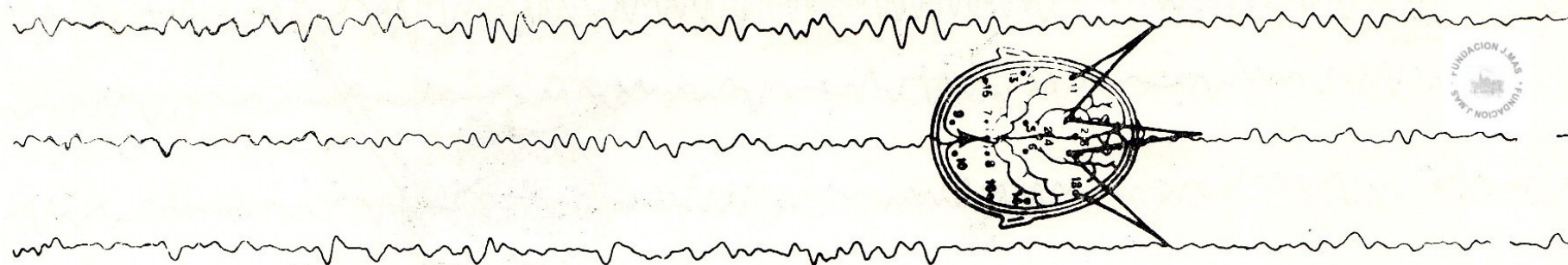
### **Conclusion of this Annex:**

In specific subjects and in specific situations, is observed, an activation function of alpha rhythm, which is a mediator of apprehension and integration of factors of higher mental functions and learning.

A relevant for modeling the interaction the model of on of the internal world thought the model of the on the external world thought mediator.



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